

Zebra® ZXP Series 8™ retransfer card printer



Zebra's first retransfer card printer

The ZXP Series 8 retransfer printer delivers photo-quality card printing at impressive speeds.

Inspired by Zebra's photo-printer technology, the ZXP Series 8 printer uses advanced image-processing algorithms to achieve vivid colours and sharp resolution. Combined with the landscape printing mode, the simultaneous dual-sided retransfer printing process ensures high-quality output at record speed.

Gain an extra layer of security from the custom secure solutions offered with lamination, such as holograms, UV images and more. The ZXP Series 8 with integrated laminator keeps key images and critical information clear, clean, legible, durable and tamper-proof, making it even more versatile, and capable of delivering a definitive solution for security printing needs.

In addition, the ZXP Series 8 printer includes Zebra's ZMotif™ software development kit, enabling easy integration with a range of enterprise applications.



Ideal for:

- ID and access control cards
- Government-issued drivers' licences
- National ID and voter-registration cards
- People-tracking in high-security areas
- Instant issuance of ATM/credit/smart cards
- Personalised gift, membership and loyalty cards
- Smart cards in travel, gaming and entertainment

Genuine Zebra supplies

Genuine Zebra supplies meet stringent quality standards and are tested for optimum performance with Zebra card printers.

- Choose Zebra for quality plastic cards in a variety of types and materials
- For high-quality prints, rely on Zebra's ribbons, transfer film and laminates

▶ For more information, visit www.zebracard.com



Specifications at a glance*

Printing

- Dye sublimation retransfer
- Full-colour or monochrome retransfer printing
- Single- and double-sided printing
- Max. print speed single-sided: 190 cards/hour
- Max. print speed double-sided: 170 cards/hour
- Photo-quality image
- Over-the-edge printing on standard CR-80 media

NOTE: Print speed based on click to drop, average print coverage with USB connectivity, cards per hour.

Standard features

- Microsoft® Windows®-certified drivers
- USB and Ethernet-ready (firmware pending**) connectivity
- CardSense™ single-card-feed capability
- 150-card capacity feeder (30 mil/0.762mm)
- 15-card reject hopper (30 mil/0.762mm)
- 100-card output hopper (30 mil/0.762mm)
- i Series™ intelligent media technology
- Auto-calibration of media
- 21-character, six-line LCD text operator display
- 304dpi (12 dots/mm) print resolution
- 64MB memory as standard
- Lifetime warranty on printhead
- Two-year unlimited warranty on printer

Optional features

- Single- and double-sided laminator
- Lockable enclosure and card feeder
- Extended product warranty programmes
- 1GB Ethernet and 802.11b/g wireless connectivity**

Encoding options and specifications

- Smart-card contact station – ISO 7816
- Magnetic-stripe encoder – ISO 7811 and JIS-II high and low coercivity
- Combined Mifare® ISO 14443 (13.56 MHz) and ISO 7816 contact encoder
- Combined ISO 15693 HID® iClass® (13.56MHz) and ISO 7816 contact encoder**
- Combined HID Prox reader (125 kHz) and contact encoder**
- UHF Gen 2 RFID encoder**

ZMotif software

Microsoft Windows-certified printer drivers supported: Windows XP***, Windows Vista****, Windows Server® 2003***

Driver features:

- Graphical card orientation setting to visualise card printing setup and configuration
- Card source selection
- Card type selection
- Complete graphical control over area and element selection of black extraction parameters ensures true black and colour printing
- Auto-sensing of ribbon type, laminator and smart-card encoding options

Toolbox utility features:

- Printer configuration tools and utilities for complete control over all printer functions and features
- Optional password-protection settings and user role-based security settings prevent accidental or unauthorised driver or printer configuration changes
- Complete technology card management enables setup and testing of all printer and encoder features and functionality
- Printer test cards and diagnostics utilities ensure error-free printing and fast troubleshooting capabilities

XML-based SDK:

- Downloadable SDK for customer applications
- XML-based SDK enables third parties to quickly add advanced print and encoding features to the ZXP printer
- Capabilities include direct access to PC/SC smart card encoder driver and XML-based job control print job specifications
- Support for complete UV printer and inhibit pane

Supplies specifications

- i Series intelligent technology uses RFID tags to authenticate and automate colour ribbons, transfer film and laminate
- Media starter kit – 1 YMCK ribbon, 1 roll of transfer film, 200 PVC cards, 2 cleaning rolls (media starter kit not sold separately)
- Cleaning supplies

True Colours® ribbon

- YMCK four-panel colour with resin black: 625 cards/roll
- YMC three-panel colour: 825 cards/roll**
- YMCKK five-panel colour: 500 cards/roll
- Monochrome (gold, silver): 2500 cards/roll**
- Monochrome black: 2500 cards/roll
- YMCKI five-panel colour: 500 cards/roll
- YMCUVK five-panel colour: 500 cards/roll

True Colours transfer film

- Clear: 1250 cards/roll
- Holographic: 1250 cards/roll**

True Secure™ laminate

- Linerless and waste-free 1.0 mil (0.0254mm) laminate: 625 cards/roll

- Laminate types: clear full coverage, clear for magnetic-stripe cards, clear for signature cards and clear for contact smart cards
- Custom laminates available with holographic images and UV images

Card specifications

- Card thickness: 30–40 mil (0.762–1.016mm)
- Card size: ISO 7810 format, Type ID-1, CR-80 size
- Card material: PVC and composite, ABS cards, PET, PET-G, Teslin® composite and polycarbonate (30–40 mil, 0.762–1.016mm)
- Speciality cards: transparent (IR-blocked) or translucent card 30 mil/0.762mm (clear and coloured)
- Technology cards: contact and contactless smart cards, UHF cards

NOTE: For optimum print quality and printer performance, the use of Zebra genuine supplies is recommended.

Communications interfaces

- USB 2.0
- 10/100 Ethernet-ready

Electrical

- Single-phase AC power
- 90–264VAC RMS and 47–63Hz (50–60Hz nominal)

Physical

Printer

- Height (printer only): 303mm/11.9"
- Height (with card feeder): 334mm/13.2"
- Width: 356mm/14"
- Width (with card output hopper): 379mm/14.9"
- Width (with card feeder, output hopper and laminator): 781mm/30.75"
- Depth: 519mm/20.4"
- Weight (printer only): 12.5kg/27.5lb
- Weight (printer with laminator): 20kg/44lbs

Environmental

- Operating temperature*: 15°C/59°F to 25°C/77°F
- Storage temperature: -5°C/23°F to 55°C/131°F
- Operating humidity: 20% to 80% inclusive, non-condensing
- Storage humidity: 10% to 90% inclusive, non-condensing
- Shipping temperature: -40°C/-40°F to 60°C/140°F
- Shipping humidity: 10% to 90% inclusive, non-condensing
- Media should not be above 60°C/140°F for longer than 200 hours, nor above 90% relative humidity at 40°C/104°F for longer than 100 hours

*Specifications subject to change without notice. Please refer to www.zebra.com for the latest specification information. ** Available in future release. ***32-bit and 64-bit-compatible.

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